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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

**Attorney Docket Number**

Dr. Sylvain Fischer

**COMPLETE IF KNOWN**

Application Number

Filing Date

Art Unit

Examiner Name

**As the below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Method of implementing the Kerr effect in an integrated ring resonator (the Kerr Integrated Optical Ring Filter) to achieve all-optical wavelength switching, as well as all-optical tunable filtering, add-and-drop multiplexing, space switching and optical intensity modulation.

*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)  

as United States Application Number or PCT International

Application Number  

and was amended on (MM/DD/YYYY)  

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

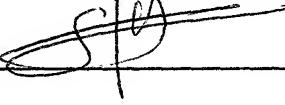
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/>		Customer Number or Bar Code Label	<input type="checkbox"/> OR <input checked="" type="checkbox"/> Correspondence address below									
<p>Name: Janice Olyarchuk</p> <p>Address: #55 The Oaks, Herbert Park Lane, Ballsbridge</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">City: Dublin 4</td> <td style="width: 25%;">State:</td> <td style="width: 25%;">ZIP:</td> </tr> <tr> <td>Ireland</td> <td>+353 1 668 6127</td> <td>+353 1 209 1920</td> </tr> <tr> <td>Country:</td> <td>Telephone:</td> <td>Fax:</td> </tr> </table> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>				City: Dublin 4	State:	ZIP:	Ireland	+353 1 668 6127	+353 1 209 1920	Country:	Telephone:	Fax:
City: Dublin 4	State:	ZIP:										
Ireland	+353 1 668 6127	+353 1 209 1920										
Country:	Telephone:	Fax:										
<b>NAME OF SOLE OR FIRST INVENTOR:</b> <input type="checkbox"/> A petition has been filed for this unsigned inventor												
Given Name: Dr. Sylvain G. <small>(first and middle [if any])</small> 		Family Name: Fischer <small>or Surname</small>										
Inventor's Signature:		Date:										
Residence: City: Boeblingen	State:	Germany	French									
Residence: City: Sindelfinger Str. 32			Citizenship									
<b>Mailing Address:</b> Boeblingen <small>City</small>												
State:	ZIP: 71032	Germany <small>Country</small>										
<b>NAME OF SECOND INVENTOR:</b> <input type="checkbox"/> A petition has been filed for this unsigned inventor												
Given Name <small>(first and middle [if any])</small>		Family Name <small>or Surname</small>										
Inventor's Signature:		Date:										
Residence: City:	State:	Country:	Citizenship									
<b>Mailing Address:</b>												
City:	State:	ZIP:	Country:									
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.												